FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.		SERIAL NO.			
			KCC-16,182 10/017,474						
LIST OF PRIOR ART CITED BY APPLICANT				ADDIVIDANTAS					
(Use several sheets if necessary)				APPLICANT(S) S. Scott F	RIDERICH	et al			
/ 0``	in Co	RECE	11 /	5. 50011					
MON Jan	Frice and	NECE	RECFIVED DEC - 6 2002			GROUP			
1					ber 2001	3700			
CETENT & TRA		TECHNOLOGY.SE	PATEN370	OCUMENTS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING I		
PM	AA	3,849,241	11/1974	Butin et al.					
1	АВ	4,340,563	07/1982	Appel et al.			- 	,	
	AC	3,692,618	09/1972	Dorschner et al.					
	AD	3,802,817	04/1974	Matsuki et al.					
	AE	3,338,992	08/1967	Kinney					
	AF	3,341,394	09/1967	Kinney		X			
	AG	3,502,763	03/1970	Hartmann					
			03/1970	Petersen				- 47	
	Al	3,542,615	11/1970	Dobo et al.					
	AJ	3,901,236	08/1975	Assarsson et al.					
	AK	4,076,663	02/1978	Masuda et al.	/				
•		FOREIC	N PATENT	DOCUMENTS					
	DOGUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSL	ATION	
		DOCUMENT NUMBER	DATE	COUNTRY	CEAGG	00002100	YES	NO	
Pic	AL	00/61050	10/2000	PCT				<u> </u>	
	AM	386 815	09/1990	EPO		\times			
·· \	AN	01/43969	06/2001	PCT	+			<u> </u>	
	AO	549 954	07/1993	ЕРО	\leftarrow			ļ	
	AP							<u></u>	
		OTHER PRIOR ART (Inc	cluding Autho	or, Title, Date, Pertinent	Pages, Etc.)				
h . I	AR								
							-		
	AS			•				T	
	AT								
EXAMINER	K	.m. Reichle		DATE CO	NSIDERED	12-4-0	>		
*EXAMINEI		itial if reference considered, whether or not ot considered. Include copy of this form wit				ine through citati	ion if not	0.0005	
						USC	COMM-DC 8	JU-3985	

4

ŧ

		U.S. DEPARTMENT OF PATENT AND TRADEM		ATTY. DOCKET NO.		SERIAL NO.			
				KCC-16,182 10/017,474					
LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT(S)					
(Use several sheets if necessary)				S. Scott FRIDERICH et al.					
KON 5	g WAL	REC	RECEIVED			GROUP			
Titem	a:16	DEC -	DEC - 6 2002		14 December 2001		3700		
247	MOL	TECHNOLOGY	PATENT D	OCUMENTS		÷			
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	700 NAME	CLASS	SUBCLASS	FILING D		
pre	AA	4,286,082	08/1981	Tsubakimoto et al.	1	/	/		
	AB	5,382,400	01/1995	Pike et al.	\/				
	AC	5,226,992	07/1993	Morman					
	AD	6,129,801	10/2000	Benson et al.					
	AE	4,578,071	03/1986	Buell					
	ÁF	4,636,207	01/1987	Buell		\/			
	AG	4,662,877	05/1987	Williams		<u>X</u>			
	АН	4,846,823	07/1989	Enloe					
	Al	4,846,825	07/1989	Enloe et al.	inloe et al.				
	AJ	5,492,751	02/1996	Butt, Sr. et al.					
	AK	5,695,868	12/1997	McCormack					
		FOREIG	N PATEN	DOCUMENTS	·	·····			
		DOCUMENT NUMBER			CLASS	SUBCLASS	TRANSL	ATION	
		DOCOMENT NOMBER	DATE	COUNTRY	CLASS	30000433	YES	NO	
	AL								
	AM								
	AN								
· ·	AO AP							}	
	AF	OTHER PRIOR ART (Inc	L	or. Title. Date. Pertinent F	Pages, Etc.)			l	
	·								
	AR								
	AS								
	_								
	AT								
EXAMINER		K.M. Reechle		DATE CON	SIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. USCOMM-DC 80-3985									

4	_	_
•		1
4		,

(MODIFIED)	MODIFIED) PATENT AND TRADEMARK OFFICE			KCC-16,18	10/017,474			
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) DEC - 6 2002			APPLICANT(S) S. Scott FRIDERICH et al.					
100 g 2 mil	2 2	6	2002	FILING DATE		GROUP		
HON 2		TECHNOLOGY CEN		14 Decemb	er 2001	20	١.	
CATE TRADE			VIER R3700	3,60				
ù		U.S.	PATENT D	OCUMENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	LASS FILING D.	
RM	AA	5,855,999	01/1999	McCormack				
'1_	AB	5,882,518	03/1999	Yagi et al.			\	
	AC	5,968,994	10/1999	Hashimoto et al.		×_		
	AD	6,048,607	04/2000	Hashimoto et al.				
A	AE							
	AF			·				
	AG			,				
	AH							
	Al					-		
	AJ	AJ LA						
	AK							
		FOREIG	N PATENT	DOCUMENTS				
							TRANSLATION	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	ASS SUBCLASS	YES	NO
	AL						_	
	АМ							
	AN							
	AO							
•	AP							
•		OTHER PRIOR ART (Inc	cluding Autho	or, Title, Date, Pertinent F	Pages, Etc.)			
	AR							
	AS							
	АТ							
EXAMINER K.M. Reichle DATE CONSIDERED								
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								
						118/	COMM-DC 8	0.3085

								Sheet c)† †	
FORM PTO-1449 (MODIFIED)	À	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. KCC-16,182			SERIAL NO. 10/017,474		
· 16	TOF	PRIOR ART CITED BY APPLICANT	·							
		Use several sheets if necessary)		APPLICA	NT(S)					
6	, , ,	ر دور		S. Scott FRIDERICH et al.						
(m	EC 11	2002 E		FILING DATE			GROUP			
				14 December 2001		37∞				
	4.0 in	U.S.	PATENT D	OCUMEN.	TS		<u>. </u>			
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	N/	AME	CLASS	SUBCLASS	FILING D IF APPROF		
m	AA	5,938,648	08/1999	LaVon e	t al.					
	AB	5,865,823	02/1999	Curro			\times			
	AC	6,037,281	03/2000	Mathis e	t al.					
	AD ·	5,993,433	11/1999	St. Louis	et al.					
	AE									
	AF									
	AG									
	AH			51		0 10	n			
	Al									
	AJ					1				
	AK	FOREIG	N PATEN	L DOCUME	ENTS					
TOKE ON TAKEN							<u>-</u> :	TRANSLA	ATION	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO		
	AL									
	AM									
	AN									
	AO									
	AP					<u> </u>				
		OTHER PRIOR ART (Inc	cluding Autho	or, Title, Date	e, Pertinent	Pages, Etc.)	C.			
	AR	₩								
							8	是是		
:	AS			·—·—			A A	<u> </u>		
							20			
	AT						ROOM	√ 		
EXAMINER]<	(.M. Reichle			DATE CON	SIDERED	2-4-5	3		
*EXAMINER in conformance	: In	itial if reference considered, whether or not ot considered. Include copy of this form with				9 609; Draw				
							LICA	COMMO DC 90	2005	